

POND SEALING OR LINING – FLEXIBLE MEMBRANE INSTRUCTIONS FOR USE OF SPECIFICATION PA521A

1. APPLICABILITY

Construction Specification 521A is applicable to installation of flexible membrane liners for ponds, wetlands, and agricultural waste storage and treatment facilities.

2. ITEMS TO BE INCLUDED IN SECTION 16 AND/OR DRAWINGS

- a. Material requirements, including but not limited to:
 - (1) Liner thickness
 - (2) Liner type
- b. Dimensions of the area to be lined
- c. Special foundation requirements, including drainage, and treatment with a soil sterilant where needed.
- d. Location and type of outlet for leak

detection system

- e. Sealing requirements at pipes, ramps, or other appurtenances
- f. Any special field quality control testing requirements
- g. Reference to other practice specifications (e.g. PA606, PA313P, PA382, PA342), if applicable.
- h. Safety components, including means of emergency egress, fence, signs
- i. Erosion and sediment control
- j. Vegetative requirements